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Amendments To the Claims

Claim 1 (Currently amended): A new wireless device for monitoring a-one of a plurality of physiological pressure ~~having the advantages of limiting electromagnetic interference and consuming little power~~ pressures associated with a patient, the device, comprising:

a housing for protecting the device;

a pressure transducer ~~operatively attached to~~ integral with the housing and adapted for placement on ~~a~~ the patient;

a transmitter in operative communication with the transducer and operatively attached to the housing, the transmitter adapted to broadcast a signal which is modulated by an output of the pressure transducer;

7 / a display secured to the housing and operatively connected to the pressure transducer for displaying a representation of an output from the pressure transducer, the display adapted for placement on the patient; and

a memory disposed within the housing and operatively connected to the pressure transducer for storing an audio representation of the physiological pressure~~[[.]]~~; and

the device being adapted for selective placement on the patient for monitoring one of the plurality of the physiological pressures at a time.

Claim 2 (Original): The device of claim 1 further comprising:


a receiver which can be tuned to receive a signal from the transmitter.

Claim 3 (Original): The device of claim 2, further comprising:  
a computer in operative communication with the receiver.

Claim 4 (Previously presented): The device of claim 1, further comprising:  
a temperature sensor, wherein the transmitter is adapted to convey a signal which is modulated  
by outputs of both the pressure transducer and the temperature sensor, and wherein the display is  
further adapted to display a representation of an output from the temperature sensor.

Claim 5 (Original): The device of claim 1 wherein the pressure transducer is a diaphragm.

Claim 6 (Original): The device of claim 1 wherein the pressure transducer is a bell.

 Claim 7 (Previously presented): The device of claim 1 wherein the pressure  
transducer is a blood pressure sensing transducer.

Claims 8-9 (Canceled)

Claim 10 (Currently Amended): A new method of monitoring a physiological pressure  
having the advantages of limiting electromagnetic interference and consuming little power,  
comprising:  
selecting a physiological pressure to measure with a device having a display integrated into a  
housing;

positioning the device on a patient in a position determined by the physiological pressure to  
measure;

transducing a ~~the~~ physiological pressure using a sensor of the device ~~having a display integrated~~  
~~into a the housing and placed on a patient;~~  
displaying a representation of the physiological pressure on the display of the device;  
broadcasting a signal which is modulated by the transduced physiological pressure; limiting the  
power of the signal so that it will attenuate within a predetermined distance; and  
recording an audio representation of the physiological pressure within a memory disposed within  
the housing.

Claim 11 (Original): The method of claim 10, further comprising:  
receiving the transmitted signal.

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Claim 12 (Original): The method of claim 11, further comprising:  
recovering the physiological pressure from the transmitted signal.

Claim 13 (Original): The method of claim 10 wherein the physiological pressure is a heart  
sound.

Claim 14 (Original): The method of claim 10 wherein the physiological pressure is a lung  
sound.

Claim 15 (Previously presented): A new method of monitoring a bowel sound having the advantages of limiting electromagnetic interference and consuming little power, comprising: transducing a bowel sound using a device having a display integrated into a housing and placed on a patient;

displaying a representation of the bowel sound on the display of the device;

broadcasting a signal which is modulated by the transduced bowel sound;


limiting the power of the signal so that it will attenuate within a predetermined distance; and

recording an audio representation of the bowel sound within a memory disposed within the device.

Claim 16 (Original): The method of claim 10 wherein the predetermined distance is 15 feet.

Claim 17 (Original): The method of claim 10 wherein the predetermined distance is 10 feet.

Claims 18-31 (Canceled).



Claim 32 (Currently amended): A device for monitoring one of a plurality of physiological pressures, comprising:

a housing adapted to be selectively placed on a patient for monitoring one of the plurality of physiological pressures at a time;

a pressure transducer ~~operatively attached to and~~ integral with the housing;

a transmitter operatively connected to the pressure transducer and disposed within the housing;

a memory disposed within the housing and operatively connected to the pressure transducer for storing an audio representation of a sound transduced by the pressure transducer.

Claim 33 (Previously presented): The device of claim 32 further comprising a display operatively connected to the pressure transducer for displaying a representation related to an output of the pressure transducer.

Claim 34 (Previously presented): The device of claim 33 further comprising a temperature sensor operatively connected to the display, and wherein the display is adapted for displaying a representation related to an output of the temperature sensor.

71 Claim 35 (Previously presented): The device of claim 1 wherein the transmitter is adapted to limit the power of the broadcast signal so that the signal will attenuate to at most a negligible value within a predetermined distance from the transmitter.

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